

A HIGH DENSITY FIBER OPTIC CABLE

ABSTRACT OF THE DISCLOSURE

A fiber optic cable is provided that includes a plurality of lengthwise extending, non-jacketed bundles of optical fibers and a cable jacket surrounding the bundles of optical fibers. Each bundle of optical fibers may include a binder, such as a binder thread, for maintaining the integrity of the bundle. The binder may include, for example, a binder thread formed of an air entangled, textured, continuous multi-filament thread. The fiber optic cable may also include a separation element for preventing adhesion between the bundles of optical fibers and the cable jacket without having to separately jacket each bundle of optical fibers.

09282773-062504